



# भारत का राजपत्र

## The Gazette of India

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सं० 46] नई दिल्ली, शनिवार, नवम्बर 15, 1975 (कार्तिक 24, 1897)  
No. 46] NEW DELHI, SATURDAY, NOVEMBER 15, 1975 (KARTIKA 24, 1897)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
Separate paging is given to this Part in order that it may be filed as a separate compilation.

### भाग III--खण्ड 2 PART III--SECTION 2

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE  
PATENTS & DESIGNS  
Calcutta, the 15th November, 1975  
CORRIGENDA

(1)

In the Gazette of India, Part-III Section-2, dated the 15th February, 1975 in page 111, column 1, under the heading "Cessation of Patents".  
Delete No. 89548.

(2)

In the Gazette of India, Part-III, Section 2, dated the 22nd February, 1975 in page 120, column 1, under the heading "Cessation of Patents".  
Delete No. 82505.

(3)

In the Gazette of India, Part-III, Section-2, dated the 31st May, 1975 in page 359 Column-1, under the heading "Cessation of Patents".  
Delete No. 123777.

(4)

In the Gazette of India, Part-III Section 2, dated the 12th July, 1975 in page 447 column 2 under the heading "Cessation of Patents".  
Delete No. 135103.

(5)

In the Gazette of India, Part-III, Section-2, dated the 30th August, 1975 in page 615, Column 1 under the heading "Cessation of Patents".

Delete No. 104580.

(6)

In the Gazette of India, Part-III, Section 2, dated the 24th September, 1975 in page 336, Column 1, under the heading "Cessation of Patents".

Delete No. 112790.

#### APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

9th October, 1975

1942/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to the production of ammonium perchlorate.

1943/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic reduction of p-chloro-nitrobenzene to p-chloro aniline.

- 1944/Cal/75. Council of Scientific and Industrial Research. A process for the manufacture of piezoelectric material for power transducer.
- 1945/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to the electrochemical process for the production of bromoform from acetone.
- 1946/Cal/75. Council of Scientific and Industrial Research. Improvements in or relating to the electrolytic production of isonicotinic acid from gamma picoline.
- 1947/Cal/75. Bharadwaj Bharadwaj and Associates Private Limited. An improved building construction method.
- 1948/Cal/75. SCM Corporation. Impression control apparatus for typewriters.
- 1949/Cal/75. I. J. Ridgeway. Mitroparaffin explosive composition.
- 1950/Cal/75. SIR W.G. Armstrong Whitworth & Company (Engineers) Limited. Improved compression ignition internal combustion engine. (October 16, 1974).
- 1951/Cal/75. Bayer Aktiengesellschaft, formerly known as Farbenfabriken Bayer Aktiengesellschaft. Process for the production of new aminophenyl-cycloamides. [Divisional date June 9, 1971]
- 1952/Cal/75. E. Granryd. A method of improving refrigerating capacity and coefficient of performance in a refrigerating system, and a refrigerating system for carrying out the method.
- 1953/Cal/75. Kuraray Co., Ltd. Process for preparation of substituted cyclopropane carboxylic acids and esters thereof, and intermediates of said acids and esters.
- 1954/Cal/75. H. A. Panchal (2) K. M. Patel and (3) D. R. Patel. A chain saw.
- 1955/Cal/75. H. A. Panchal (2) K. M. Patel and (3) D. R. Patel. A cutting tool chain.
- 1956/Cal/75. H. A. Panchal (2) K. M. Patel and (3) D. R. Patel. A chain saw.
- 1957/Cal/75. Eli Lilly and Company. Process of preparing  $\Delta^2$  and  $\Delta^3$ -cephalosporin compounds. [Divisional date February 5, 1969].
- 1958/Cal/75. Snamprogetti S.p.A. Process for the preparation of octenenitrile compounds and compounds obtained thereby.
- 1959/Cal/75. Snamprogetti S.p.A. 3, 7-dimethyl-3-hydroxy-6-octenenitrile and process for its preparation.
- 1960/Cal/75. Kommanditgesellschaft Schwarzhaupt. A method for the common for individual determination of the isoenzymes of lactate dehydrogenase.
- 10th October, 1975
- 1961/Cal/75. RCA Corporation. Semiconductor device.
- 1962/Cal/75. American Home Products Corporation. Peptides. (October 22, 1974).
- 1963/Cal/75. Mrs. Asima Chatterjee, Mrs. Sudipta Bhattacharya, Mrs. Julie Banerji and P. C. Ghosh. A new route to the synthesis of coumarin.
- 1964/Cal/75. Scientific Design and Development Private Limited. A device comprising a loom picker and loom spindle.
- 1965/Cal/75. Bristol-Myers Company. Process for the preparation of retacephalexin. [Divisional date June 10, 1971].
- 1966/Cal/75. Chinoin Gyogyszer Es Vegyeszeti Termek Gyara R. T. Process for the preparation of substituted 3-amino- $\Delta^5$  pyrazolino derivatives. [Divisional date August 12, 1970].
- 1967/Cal/75. Paolo Ferruti and Rodolfo Paoletti. Process for the preparation of polymers containing prostaglandin radicals.
- 1968/Cal/75. Dr. C. Otto & Comp. GMBH. Coke car adapted to traverse along a battery of horizontal coking ovens.
- 1969/Cal/75. Continental Can Company Inc. Easy opening container.
- 1970/Cal/75. Metacon AG. Plate structure for a liquid metal container closure.
- 1971/Cal/75. Citizen Watch Co., Ltd. A chuking device for a workpiece to be machined.
- 1972/Cal/75. Zaklady—Azotowe Im. F. Dzierzynskiego. A method of prevention of disturbances and/or effects of disturbances in the reaction system of oxidation of hydrocarbons in a liquid phase under pressured with gases containing oxygen.
- 1973/Cal/75. Gerro Holding Co. Ltd. Rope clamp.
- 1974/Cal/75. Bimal Kumar Mitra and Pankoj Kumar Roy. An electro-inductive device.
- 1975/Cal/75. Metallurgical Processes Limited and I.S.C. Smelting Limited. Condensation of zinc vapour. (October 11, 1974).
- 1976/Cal/75. L.G.T. Laboratoire General Des Telecommunications. An amplifier arrangement linearised by automatic correction. (June 10, 1975).
- 1977/Cal/75. The Lucas Electrical Company Limited. Plating jigs. (October 16, 1974).
- 1978/Cal/75. Coal Industry (Patents) Limited. Flexible ducting joints. (November 7, 1974). [Addition to No. 86/Cal/73].
- 1979/Cal/75. Mead Johnson & Company. Process for preparing azaspiroalkanediones. [Divisional date May 4, 1967].
- 1980/Cal/75. P. B. Wagh. An artificial larynx.
- 1981/Cal/75. Deutsche Gold Und Silber Scheideanstalt vormals Roessler. Process for production of substituted s-triazines. [Divisional date February 17, 1966]
- 1982/Cal/75. Hoechst A. G. Process for the manufacture of aminothiophene. [Divisional date November 16, 1965]
- 1983/Cal/75. Zhdanovsky Zavod Tyazhelogo Mashinostroyeniya Imeni 50 Letia Velikoj Oktyabrskoj Sotsialisticheskoi Revoljutsii, (2) Zhdanovsky Metallurgicheskij Institut, (3) Zhdanovsky Koksokhimicheskij Zavod, (4) Zhdanovsky Metallurgicheskij Zavod Imeni Il'icha. Foaming agent.

1984/Cal/75. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Pharmaceutical compounds particularly useful in the treatment of heart and circulatory diseases and process for preparing same. [Divisional date May 7, 1963].

1985/Cal/75. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. New substituted amine-pyridines, process for their preparation and compositions containing same. [Divisional date August 19, 1969].

1986/Cal/75. Deutsche Gold-Und Silber Scheideanstalt Vormals Roessler. Process for preparation of new substituted amino pyridines. [Divisional date May 30, 1967].

1987/Cal/75. American Cyanamid Company. Process for the preparation of cyanoalkylaldoxime carbamates. [Divisional date March 20, 1970].

15th October, 1975

1988/Cal/75. Metallgesellschaft Aktiengesellschaft. Improved combustion system for pelletizing apparatus of the travelling grate type.

1989/Cal/75. Daishiro Fujishima and Shinichiro Fujishima. Oxygene-consuming composition.

1990/Cal/75. Rheinisch-Westfaelisches Elektrizitaetswerk AG. A process for manufacturing manganese dioxide.

1991/Cal/75. Merck Patent Gesellschaft Mit. Beschränkter Haftung. Rutile-containing lustrous pigments.

1992/Cal/75. Personal Communications Incorporated. Compact camera and viewer apparatus.

1993/Cal/75. Johnson & Johnson. A surgical face mask.

1994/Cal/75. Johnson & Johnson. Surgical dressing.

1995/Cal/75. Union Carbide India Limited. Recovery of hexadienal from SSD Oil from crotonaldenylde refining columns. [Divisional date May 23, 1973].

1996/Cal/75. Gilbert Hadfield Pile Company Limited. Improvements in and relating to soil stabilization. (October 15, 1974).

1997/Cal/75. J. H. Fenner & Co. Limited. Improvements in or relating to fluid face seal assemblies. (October 17, 1974).

1998/Cal/75. Masao Suzuki. Machine for shearing and compressing scrap metals.

1999/Cal/75. American Can Company. Drawn and ironed containers and methods of manufacture.

2000/Cal/75. Osoboe Konstruktorskoe Bjuro Sredsty Izmerenia Mass. Balance for determining weight percentage or extracted component with respect to the total weight of material.

2001/Cal/75. Nauchno-Issledovatel'sky i Konstruktorsky Institut Ispytatel'nykh Mashin, Priborow i Sredstv Izmerenia Mass. Force measuring transducer with frequency output signal.

2002/Cal/75. G. Panagiotoulis. New blade and improved holder for it.

2003/Cal/75. N. G. Basov, (2) I. A. Berezhnoi, (3) V. S. Vekshin, (4) V. A. Danilychev, (5) A. I. Elatontsev, (6) V. V. Ignatiev, (7) V. D. Karyshev and A. K. Togulev. Aircraft take-off and landing system and method for using same.

#### APPLICATION FOR PATENTS FILED AT THE (BOMBAY BRANCH)

29th September, 1975

263/Bom/75. Ajit Radio Corporation Pvt. Ltd. A ballast housing and a ballast provided with said ballast housing.

1st October, 1975

264/Bom/75. Ciba-Geigy of India Limited. Process for the manufacture of heterocyclic compounds.

3rd October 1975

265/Bom/75. P. L. Rajak. Protective guide earthing wire process and danger current stopper.

266/Bom/75. Hindustan General Equipments. Improved heat or cold insulated container and the like and method of its manufacture

4th October, 1975

267/Bom/75. D. T. Trivedi and S. N. Balasari. A miniature circuit breaker.

268/Bom/75. Dr. L. G. Bhatgadde. Basic lead silico chromate.

#### APPLICATION FOR PATENTS FILED AT THE (MADRAS BRANCH)

27th September, 1975

145/Mas/75. The Gurdit Institute Private Limited. Improvements in or relating to fire-proof and fire resistant boards and like constructional panels.

29th September, 1975

146/Mas/75. K. P. Kuryakose. Gliquid-I.

147/Mas/75. K. P. Kuryakose. Auto money exchange.

148/Mas/75. K. P. Kuryakose. Auto coin counter.

1st October, 1975

149/Mas/75. H. K. Mullick. A pedal operated fluid dispenser. [Addition to No. 133725].

#### ALTERATION OF DATE

138011.

1810/Cal/75. Antt-dated to 20th November, 1972.

138012.

1811/Cal/75. Ante-dated to 29th November, 1972.

138018.

1438/Cal/75. Ante-dated to 14th June, 1973.

#### COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on form 14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office as indicated in respect of each such application, on the prescribed form 15, of such opposition. The written statement of opposition should be filed along with the said notice or within one month from its date as prescribed in Rule 36 of the Patents Rules, 1972.

A limited number of printed copies of the specifications listed below will be available for sale from the Govt. of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 32Fa+F<sub>2</sub>b+F<sub>2</sub>d I.C.—CO7c 67/04. 105970.

PROCESS FOR PRODUCTION OF NEW PHARMACEUTICALLY EFFECTIVE TERPENE ESTERS.

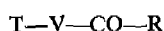
DEUTSCH GOLD-UND SILBER-SCHNEIDANSTALT VORMALS ROESSLER, OF 9, WEISSFRAUENSTRASSE, FRANKFURT (MAIN), FEDERAL REPUBLIC OF GERMANY.

Application No. 105970 filed June 29, 1966.

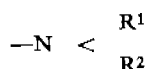
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for preparing terpene esters of the general formula :



where T is a terpene residue which is derived from an acyclic or cyclic terpene of the composition  $C_nH_{2n-x}$  or  $C_nH_{2n-x}O$  with  $n=5-20$  and  $X=0-6$  by removal of a H-atom of the hydroxyl group, Y is an oxygen or sulphur atom and R denotes either a saturated alicyclic ring of 3-8 carbon links or the group shown in Fig. 1.



where  $R^1$  and  $R^2$  are identical or different and denote hydrogen, cyclo-alkyl, aralkyl, possibly substituted aryl, possibly substituted pyridyl or possibly substituted low saturated or unsaturated alkyl groups which may also form a ring which may possibly contain another heteroatom and may be substituted and where, if T is a bisabobyl radical, R may besides the above listed groups denote a possibly monosubstituted or disubstituted aryl radical or a straight chain or branched possibly substituted as well as unsaturated aliphatic radical with 2-10 carbon atoms, or their salts or quaternary ammonium compounds, the substitutions referred to above being for example halogen atoms, alkyl-, alkoxy- or di-alkyl, amino-alkyl-groups, characterized in that a terpene compound of formula T-Y' wherein T is as defined before and Y' is either OH group, or -SH(thio alcohol) group is reacted with an acid or acid halide or acid salt with capable of imparting the ester group -CO-R, where R is as defined before by replacing the "H" from the alcohol or thio alcohol, whereafter if desired the compounds thus obtained are converted into the acid salts or quaternary ammonium compounds by known methods.

CLASS 32E & 182B, I.C.—CO8H 1/00, CO7g 7/04, 116963.

METHOD OF STABILIZING PROTEIN METAL CHELATE COMPOSITION WITH SACCHARIDE.

DIAGNOSTIC DATA, INC., AT 650 CALIFORNIA STREET, SAN FRANCISCO, STATE OF CALIFORNIA, UNITED STATES OF AMERICA.

Application No. 116963 filed July 26, 1968.

Addition to No. 107112.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims. No drawings

A method of stabilizing a composition containing water-soluble globulin-type non-antigenic protein as claimed in Indian Patent Application No. 107112, in admixture with a stabilizing amount of a saccharide selected from the group consisting of (a) sucrose, (b) pentose, hexose or heptose having a hydroxy group on the carbon atom adjacent a free keto or aldehyde carbonyl group and whose spatial configuration is opposite that of two hydroxy groups on the next two adjacent carbon atoms, (c) a lower alkyl (1-5 carbon atoms, inclusive) acetal of a pentose, hexose or heptose (d) glucose, and (e) mannose which method comprises the methyl, halogen nitro, cyano or amino; m is 1 or 2; A is substantially free from denatured protein, and thereafter, if desired, reconstituting the composition into aqueous solution form.

CLASS 32F<sub>1</sub>+F<sub>2</sub>b & 55E, I.C.—CO7d 51/48. 118205.

PRODUCTION OF NEW SUBSTITUTED 3, 4-DI-HYDROQUINAZOLINES.

PFIZER INC., FORMERLY KNOWN AS CHAS, PFIZER & CO., INC., OF 235 EAST 42ND STREET, NEW YORK 17, NEW YORK, UNITED STATES OF AMERICA.

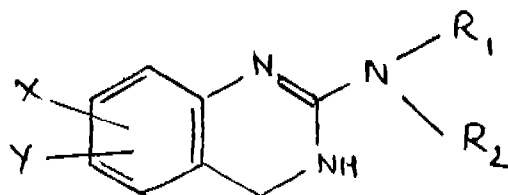
Application No. 118205 filed October 22, 1968.

Convention date November 20, 1967/(52759/67) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

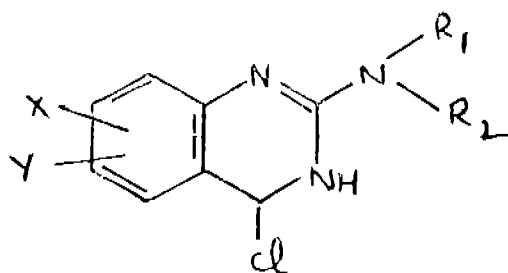
2 Claims

A process for preparing a compound of the formula III.



wherein X and Y may be hydrogen, hydroxy, halogen, CF<sub>3</sub>, alkyl or alkoxy with up to 4 carbon atoms in the alkyl and alkoxy groups and when taken together X and Y may be benzo, methylene dioxy or ethylenedioxy; and R<sub>1</sub> and R<sub>2</sub> may be hydrogen, alkyl having up to 6 carbon atoms, aryl hydrocarbon having up to 12 carbon atoms, aralkyl hydrocarbon having up to 3 carbon atoms in the alkyl moiety and up to 7 carbon atoms in the aryl moiety and wherein the carbon atom bearing the aryl substituent may be an optically active site, alkenyl having up to 4 carbon atoms, or dialkylaminoalkyl having from 2 to 4 carbon atoms in the nitrogen-bridging alkyl moiety of the dialkylaminoalkyl substituted and up to 3 carbon atoms in the terminal alkyl moieties of the dialkylaminoalkyl substituent, and when R or R<sub>2</sub> is aryl or aralkyl, the aryl moiety may be substituted with halogen, CF<sub>3</sub>, or alkoxy having up to 4 carbon atoms, and R<sub>1</sub> and R<sub>2</sub>, taken together, may be cycloalkyl having

from 3 to 7 carbon atoms, attached which comprises reducing with hydrogen in the presence of a palladium catalyst supported on carbon compound of the formula IV.



wherein X, Y, R<sub>1</sub> and R<sub>2</sub> are as defined above.

CLASS 32F<sub>1</sub> + F<sub>3</sub>b. I.C.-C07d 49/38.

125444.

PROCESS FOR THE PREPARATION OF HETERO-CYCLE-SUBSTITUTED N-BENZYLIMIDAZOLES.

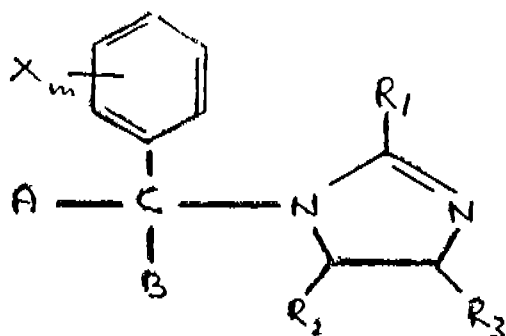
BAYER AKTIENGESellschaft, FORMERLY KNOWN AS FARBENFABRIKEN BAYER AKTIENGESellschaft, OF LEVERKUSEN, FEDERAL REPUBLIC OF GERMANY.

Appication No. 125444 filed February 24, 1970.

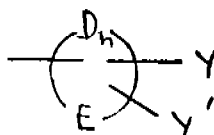
Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

7 Claims.

A process for the production of heterocycle-substituted N-benzylimidazoles of the general formula (I).

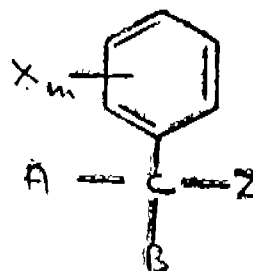


in which R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> are hydrogen or lower alkyl; X is hydrogen lower alkyl, alkoxy or mercaptoalkyl, trifluoromethyl, halogen nitro, cyano or amino; m is 1 or 2; A is optionally substituted phenyl (such as herein described), or pyridyl, alkyl, or cycloalkyl; and B is a five-membered hetero-aromatic ring of the general formula (2) of the drawings.



in which D is CH or nitrogen; E is oxygen, sulphur, N-alkyl or N=aryl; Y and Y' are the same or different, and

are hydrogen, lower alkyl, halogen or optionally substituted aryl (such as herein described); and n is 1 to 4, which process comprises reacting a compound of the formula (13)



in which A, B, X and m are as defined above, and Z means chlorine or bromine, with at least the theoretically necessary amount of imixazole in a polar organic solvent at 20 to 150°C, and if desired, reacting the compounds so obtained with the corresponding acids to get the acid-addition salts thereof.

CLASS 32C. I.C.-C21d 13/06.

138005.

A PROCESS FOR MANUFACTURE OF MICROBIAL PROTEIN CONCENTRATE FROM SOLID HYDROCARBONS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-1, INDIA.

Application No. 1241/Cal/74 filed June 6, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

8 Claims. No drawings

A process for the production of protein rich microbial biomass from slack wax containing 10—15 per cent lube oil or paraffin wax containing 0.0—0.5 per cent lube oil which consists in growth of a suitable bacterium belonging to genus *Pseudomonas* at 37°C in aqueous nutrient medium containing assimilable sources of nitrogen, phosphate, trace minerals, growth factors and solid hydrocarbons like slack wax or paraffin wax as only source of carbon, maintaining the pH of the growth medium at 6.8 to 7.0, separation of the cell biomass from the culture broth at the end of the fermentation, removal of the unused substrate from the cell biomass and drying of the cell biomass which is characterised in that the substrate is incorporated in growth medium in emulsified stage and the culture broth is heated at the end of the fermentation to 70°C and allowed to cool to room temperature so as to separate the cells and unused substrate.

CLASS 98G & 176L. I.C.-F28f 1/08, 1/38.

138006.

INTERNALLY RIDGED HEAT TRANSFER TUBE AND METHOD OF DESIGNING FOR OPTIMUM PERFORMANCE.

UNIVERSAL OIL PRODUCTS COMPANY, OF 10 UOP PLAZA—ALGONQUIN & MT. PROSPECT ROADS, DES PLAINES, ILLINOIS, UNITED STATES OF AMERICA.

Appication No. 379/Cal/73 filed February 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

6 Claims.

A partially corrugated metal heat transfer tube wherein the outer diameter of the corrugated portion is approximately equal to the outer diameter of the plain portion,

said corrugated portion having single start internal helical ridging such that the inner boundary of the corrugated portion of the tube wall, when viewed in longitudinal sectional profile, is comprised of alternation convex and concave portions which join at common tangents, and wherein the internal corrugated tube surface can be described by the equation :

$$\phi = \frac{e^2}{Pd} \quad \text{where } \phi \text{ is a dimensionless severity parameter, } e \text{ is the height of the helical ridge, } p \text{ is the helical pitch and } d, \text{ is the inside diameter and where } \phi \text{ is greater than } .1 \times 10^{-3} \text{ and equal to or less than about } .365 \times 10^{-3}.$$

Class 53C & 127 G, I.C.-B62m 9/04.

138007.

MULTISPEED HUB FOR VEHICLES SUCH AS BICYCLES.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Application No. 601/Cal/73 filed March 17, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

3 Claims.

A multispeed hub for vehicles such as bicycles comprising an axle on which are supported a hub casing and a sprocket whereby the sprocket transmits drive to the hub casing characterised in that a gear box, drive sleeve and transmission sleeves are mounted on the axle, a first stage drive gear is mounted on the drive sleeve, the said drive gear mates with a driven gear, which is mounted on an intermediate shaft, on which are also mounted secondary drive gears, which mate with secondary driven gears, which are freely mounted on the transmission sleeve, which also carries a disc carrying two pauls, a gear locker is mounted on a sleeve, which is freely supported on the axle whereby when the sleeve is moved by means of a pull rod which is connected to the sleeve through a pin, the gear locker also moves along with it and locks a particular secondary driven gear, say, the first secondary driven gear, whereby drive is transmitted from the intermediate shaft to the transmission, sleeve through the first set of secondary gears through the disc carrying pauls to the hub casing, thereby transmitting the drive to the wheel.

CLASS 53C & 127G, I.C.-B62m 9/04.

138008.

THREE SPEED HUB FOR VEHICLE SUCH AS BICYCLES.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Application No. 644/Cal/73 filed March 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patent Rules 1972) Patent Office, Calcutta.

2 Claims.

A three speed hub for vehicles, such as bicycles comprising an axle on which are supported a hub casing and a sprocket wheel whereby the sprocket wheel transmits drive to the hub casing characterized in that a drive sleeve and a planet supporting lever are freely mounted on the axle and an internal gear ring is mounted in the hub casing, the planet supporting lever supports three planet gears which mate with a sum gear which is fixed on the axle and also with internal gear teeth of the internal gear ring, a shifter is mounted on a sleeve, which is freely supported on the axle whereby when the sleeve is moved by means of a pull rod, which is connected to the sleeve through a pin, the shifter also moves along with it along the slots provided in the drive sleeve and makes connection with projections provided in the planet supporting lever in one position & thereby

transmits drive from drive sleeve on which the sprocket wheel is fixed, to the planet supporting lever, through which to internal gear ring and through pauls provided on the internal gear ring to hub casing and in another position makes connection with the projected spline teeth on internal gear ring and thereby transmits drive from internal gear ring to hub casing through pauls provided on the internal gear ring and in another position the pauls provided on the internal gear ring are lifted away from mating ratchet teeth and drive is transmitted from internal gear ring through planet gears to planet supporting lever and through pauls provided on the planet supporting lever to the hub casing and thereby to the wheel.

CLASS 187E, I.C.-HO4m 1/23.

138009.

DIAL UNIT OF THERMOPLASTICS MATERIAL FOR TELEPHONE SETS.

INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 22, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Application No. 2569/Cal/73 filed November 21, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A dial unit for a telephone subscriber's instrument, which consists in the main of a plastics material which defines two main elements for the dial unit, in which said main elements are a front plate and a casing which together enclose when connected to one another the components of the rotary assembly, such as the drive spring, the contact unit and the balance weights for the brake unit, in which said front plate and the casing define support members for said components, and in which said front plate, said casing and said components are all formed of plastics material, except for said spring unit, said contacts and said weights.

CLASS 107G+H, I.C.-B60K 21/00.

138010.

CONTROL SYSTEMS FOR FUEL SUPPLY SYSTEMS OF INTERNAL COMBUSTION ENGINES.

C.A.V., LIMITED, OF WELL STREET, BIRMINGHAM, ENGLAND.

Application No. 2014/72 filed November 29, 1972.

Convention date December 3, 1971/(56188/71) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

34 Claims.

A control system for a fuel supply system of an engine, the supply system including a pump for supplying fuel to the engine and pump control means for determining the output of the pump, the control system comprising means for producing a first electrical signal representing the pump output, means for producing a second electrical signal representing an operating parameter of the engine, means for producing a demand signal representing the desired value of said operating parameter, a summing junction to which the three signals are applied and an amplifier having an input connected to said junction and an output connected to an input of the pump control means, said amplifier acting to control the pump control means.

CLASS 107G +H. I.C.-B60K 21/00.

138011.

CONTROL SYSTEMS FOR FUEL SUPPLY SYSTEMS FOR INTERNAL COMBUSTION ENGINES.

C.A.V. LIMITED, OF WELL STREET, BIRMINGHAM B19, 2XF, ENGLAND.

Application No. 1810/Cal/75 filed September 22, 1975.

Convention date April 4, 1972/(15364/72) U.K.

Division of Application No. 2014/72 filed November 29, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 24 Claims

A control system for a fuel supply system of an internal combustion engine in which the fuel supply system includes a pump for supplying fuel to an engine and pump control means for determining the amount of fuel supplied by the pump comprises, a first summing junction to which are fed electrical signals representing the demanded and actual values of fuel supplied to the engine, a second summing junction to which are fed electrical signals representing the engine speed and a reference signal, a first amplifier having an input connected to said first summing junction, a second amplifier having an input connected to said second summing junction, a discriminator coupling the outputs of said amplifiers to an input of the pump control means, said discriminator being arranged so that it is the output of the amplifier which demands least fuel which is applied to the pump control means, whereby a limit is imposed on the maximum value of engine speed.

CLASS 107G +H. I.C.-B60K 21/00.

138012.

CONTROL SYSTEMS FOR FUEL SUPPLY SYSTEMS FOR INTERNAL COMBUSTION ENGINES.

C.A.V. LIMITED, OF WELL STREET, BIRMINGHAM, B19 2XF, ENGLAND.

Application No. 1811/Cal/75 filed September 22, 1975.

Convention date April 4, 1972/(15364/72) U.K.

Division of application No. 2014/72 filed November, 29, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 9 Claims.

A control system for a fuel supply system for an internal combustion engine in which the fuel supply system includes a pump for supplying fuel to an engine and an electro-mechanical actuator for controlling the output of the pump comprising, a first transducer for measuring engine speed, a second transducer for providing an indication of a demand placed upon the engine by an operator, a third transducer for measuring the output of the pump, a control circuit for controlling said actuator, said control circuit receiving the output signals from said transducers and including a summing junction to which the signal from said third transducer is applied as a current signal, an amplifier having an input connected to said summing junction, said amplifier acting to restrict the output of said pump to a predetermined maximum value, and the system including a control network which receives an input from the first transducer and provides a further input to said summing junction for a range of engine speeds so that the maximum pump output is modified for said range of engine speeds.

CLASS 32F<sub>1</sub> + F<sub>2</sub>b I.C.-CO7d 55/20.

138013.

A PROCESS FOR THE PREPARATION OF NEW 2-CHLORO-4-ALKYLAMINO-6-( $\alpha$ ,  $\alpha$ -DIMETHYL- $\beta$ -ACETYL-ETHYLAMINO)-1, 3, 5-TRIAZINES.

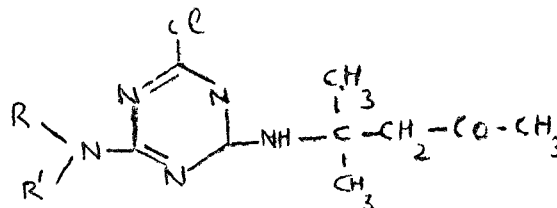
ESZAMAGYARORSZAGI VEGYIMUVEK, OF SAJO-BABONY, HUNGARY.

Application No. 1096/Cal/73 filed May 9, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 1 Claim.

A process for the preparation of a new-2-chloro-4-alkylamino-6-( $\alpha$ ,  $\alpha$ -dimethyl- $\beta$ -acetyl-ethylamino)-1, 3, 5-triazine of the general formula I.



wherein R represents hydrogen or a C<sub>1-4</sub> alkyl group, and R' stands for a C<sub>1-4</sub> alkyl or C<sub>2-4</sub> alkenyl group, in which cyanurichloride is reacted with an equivalent amount of diacetaminamine or an acid addition salt thereof in the presence of an acid binding agent in an aqueous or organic solvent medium, and the thus-formed 2, 4-dichloro-6-( $\alpha$ ,  $\alpha$ -dimethyl- $\beta$ -acetyl-ethylamino)-1, 3, 5-triazine is reacted preferably without isolation, with a substituted amine of the general formula NHRR', wherein R and R' each have the same meanings as defined above, in the presence of an acid binding agent.

CLASS 87E+I. I.C.-A63h1/00.

138014.

## "A TOP".

TULSIDAS VAIKUNTH KAMAT, OF 19, SHASTRI COLONY, INDORE (452-002), (M.P.) INDIA.

Application No. 123/Bom/74 filed March 28, 1974.  
Addition to No. 131887.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

## 6 Claims.

Improvement in or modification of the top as disclosed in parent Patent Specification No. 131887 wherein the knob which supports the upper end of the rod and which is provided in the vertical ring comprises a body of substantially conical shape preferably forming an integral part of the ring, said knob having a vertical bore for receiving a threaded stud with a nut at its lower end, to adjust the height of the stud and fix the said stud in position, said stud having at its lower end a recess to hold the upper end of the rod.

CLASS 70C7 &amp; 152E. I.C.-CO8g 17/16, CO8g 30/00, C23b 13/00, B29C 27/30, C09J 3/14.

138015.

PREPARATION OF ADHERENT ELECTRODEPOSITS ON MEDALS FROM AQUEOUS SYSTEM OF ALKYD-AMINO-EPOXY RESIN.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-1, INDIA.

Application No. 2012/72 filed November 29, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims. No drawings.

A process for the preparation of adherent electrocoatings on metals by preparing an aqueous resin bath of an oil modified alkyd resin such as short medium of oil castor alkyd resin, electrodepositing the resin on metal for example at 40 to 100 volts D.C. and at current densities of 50 to 100 mA/cm<sup>2</sup> and baking the electrodeposit characterised in that the oil modified alkyd resin is reacted with an amino resin such as butylated urea formaldehyde resin prior to electrodeposition and baking.

CLASS 104J & 155D+F. I.C.-B27d 1/00, B27K 3/00, B29J 5/00. 138016.

IMPROVED METHOD OF MANUFACTURING CHEMICALLY INERT DECORATIVE AND NON-DECORATIVE LAMINATES, BOARDS AND THE LIKE CONSTRUCTIONAL PANELS.

PERMALI WALLACE LIMITED, CENTRAL INDIA FLOUR MILLS ESTATE, BHOPAL-8, MADHYA PRADESH, INDIA.

Application No. 146/Bom/73 filed April 27, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

14 Claims No drawings.

A method of manufacturing chemically inert decorative and nondecorative laminates, boards and the like constructional panels which consists of the following stages—

(a) placing asbestos mill boards or sheets in an impregnating vacuum chamber for a period of 15 to 40 minutes and then introducing 50% to 75% alcoholic solution of phenol-formaldehyde or like phenolic type resin without breaking the vacuum and maintaining the vacuum in the chamber for a further period of 15 to 40 minutes; then removing the resin impregnated asbestos sheets from the vacuum chamber and removing the excess alcoholic resin from the surfaces of said asbestos sheets;

(b) introducing the said impregnated asbestos mill boards or sheets of stage (a) into a hot chamber or oven for solvent removal and curing for a period of 4 to 8 hours, with continuous air flow at a temperature of 100° to 115°C.

(c) the asbestos mill boards or sheets of stage (b) are placed in a bath containing concentrated mineral acid to allow it to come into contact with the surfaces of the said sheets and wherein the spent acid is replenished by fresh acid at the end of one day, four days and six days and at the end of the seventh day, the said boards or sheets are removed from the said bath and soaked in continuously flowing water for a period of 1 to 4 hours;

(d) the asbestos mill boards or sheets of stage (c) are dried in open air and then in oven or air drying chamber at 90° to 100°C.

(e) a series of the resin impregnated asbestos mill boards or sheets of stage (d) in combination with other similarly treated plywood sheets or other wood veneers are built to form a stack of sandwich boards or panels using phenol-formaldehyde or like aldehyde resin as bonding agent and said stack is pressed and cured in a hot press between steam heated platens of an hydraulic press at 200—2500 psi and at a temperature of 140° to 160°C. for a period of 1 to 1-1/2 hours and then gradually reducing the pressure and the temperature to normal,

or

the resin impregnated asbestos mill boards or sheets of stage (d) alone or in two or more layers are compressed at a pressure of 5 Kg to 300 Kg per sq. cm. at a temperature of 40 to 200°C. without the use of any bonding agent.

CLASS 32F<sub>1</sub> +F<sub>1</sub>b. I.C.-CO7d 49/34 CO7d 49/36.

138017

PROCESS FOR THE PREPARATION OF 2-IMIDAZOLIDINONE DERIVATIVES.

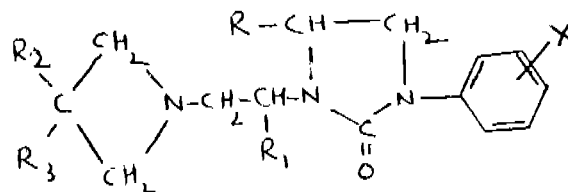
GRUPPO LEPETTI S.P.A., OF 8, VIA ROBERTO LEPETTI, MILAN, ITALY.

Application No. 1397/Cal/73 filed June 14, 1973.

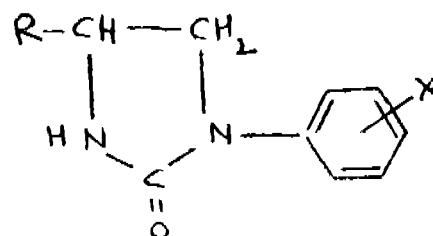
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claim

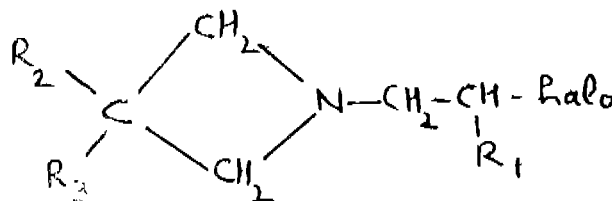
A process for preparing 2-imidazolidinone derivatives of the formula I.



wherein R, R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> can be independently hydrogen or alkyl of 1 to 4 carbon atoms and X represents one or more halogen atoms which comprises reacting in the presence of a strong base and of an inert organic solvent as for instance dimethylformamide an imidazolidinone of the formula II.



with a haloethyl-azetidine of the formula III.



wherein R, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and X have the above meaning and halo is bromo or chloro, for 7-10 hours, at a temperature varying from room temperature to about 75-85°C,



CLASS 32F, +F.b. I.C.-C07d 49/34, 49/36. 138018.

## PROCESS FOR THE PREPARATION OF 2-IMIDAZOLIDINONE DERIVATIVES.

GRUPPO LEPETIT S.P.A., OF 8, VIA ROBERTO LEPETIT, MILAN, ITALY.

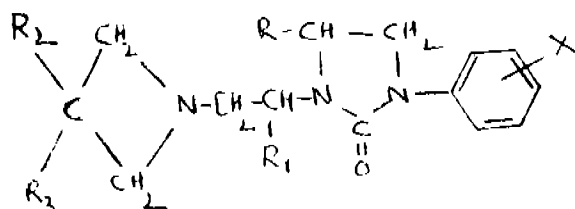
Application No. 1438/Cal/75 filed July 23, 1975.

Division of Application No. 1397/Cal/73 filed June 14, 1973.

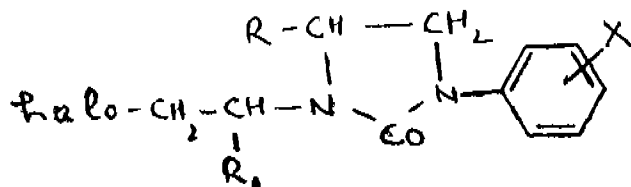
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

## 1 Claim

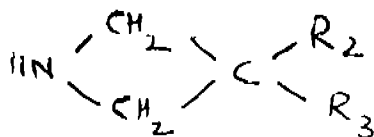
A process for preparing 2-imidazolidinone derivatives of the formula I.



wherein R, R<sub>1</sub>, R<sub>2</sub> and R<sub>3</sub> can be independently hydrogen or alkyl of 1 to 4 carbon atoms and X represents one or more halogen atoms which comprises reacting a compound of the formula II.



with an azetidine of the formula shown in Fig. 4.



where R, R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and X have the above meaning and halo is chloro or bromo, in the presence of an anhydrous inert organic solvent as, for instance, benzene, for 7-10 hours at about 150-160°C.

CLASS 11C &amp; 23A, I.C.-A23K 1/00, 1/02. 138019.

## IMPROVEMENTS IN OR RELATING TO A PROCESS FOR PRODUCING ANIMAL FEED COMPOSITIONS.

PRODUITS CHIMIQUES UGINE KUHLMANN, 25, BOULEVARD DE L'AMIRAL BRUIX PARIS, FRANCE.

Application No. 150/Cal/73 filed January 20, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims. No drawings.

A process for producing an animal feed composition which comprises essentially mixing a liquid phase comprising sugar-containing industrial by-products obtained from the manufacture of sugars, fruit juices and glutamic acid and a solid phase comprising crystallised urea phosphate and hydrated lime, the weight ratio of the solid phase to the liquid phase being in the range of approximately 0.25 to 5.25, and the mixture so obtained is dried if necessary and formed into a powder, granulates, tablets or extruded products.

CLASS 144A. I.C.-B44d 5/12.

138020.

## A PROCESS FOR THE PRODUCTION OF COATED FERROUS PRODUCTS SUCH AS COATED MILD STEEL SHEETS/STRIPS WITH COMPOSITIONS BASED ON VINYL RESINS.

COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-1, INDIA.

Application No. 2168/72 filed December 16, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims. No drawings.

A process for the production of coated ferrous products such as coated mild steel sheets or strips with compositions based on vinyl resins such as polyvinyl chloride and its copolymer with vinyl acetate using paint application techniques such as spraying and dipping wherein the ferrous products are subjected to metal pre-treatment comprising pickling, mechanical surface finishing such as wire brushing, degreasing in an alkaline bath and deposition of zinc phosphate in a suitable bath, characterised in that the pre-treatment is followed by applying primers based on (i) vinyl-acrylic resins (ii) phenol formaldehyde-nitrile rubber and top coats consisting of vinyl resins with or without compatible resins such as acrylics, and baking in the range of temperature 150-200°C

CLASS 32B. I.C.-C10g 17/08.

138021.

## A PROCESS AND DEVICE FOR OBTAINING SATURATED HYDROCARBONS.

BALLESTRA S.P.A., OF VIALE BIANCA MARIA 26, MILAN, ITALY.

Application No. 2217/72 filed December 22, 1972.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

A process for obtaining saturated hydrocarbons, particularly white oils from high distillation range crude oil portions containing high quantities of sulphonable aromatic compounds and having the following features:

—average molecular weight between 315 and 400;

—density between 0.865 and 0.890.

—kinematic viscosity between 12 and 15 cts (A 100°F);

—contents in percent of sulphonable compounds up to 35% by weight;

—boiling temperature above 320°C; characterized in that said portions of high distillation range crude oil are previously mixed to portions of low distillation range crude oils, still containing sulphonable aromatic compounds and having the following features:

—boiling temperature between 120 and 280°C;

—contents in percent of sulphonable compounds up to 30% by weight; said mix is then subjected to sulphonation, by means of gaseous  $\text{SO}_3$ , separation of the sludges consisting of oil insoluble sulphonic acids, neutralization and separation of the oil soluble sulphonic acids in known manner and finally the residual part consisting of neutral oils is distilled first between 120 and 280°C and leaving the remaining fraction at above 320°C as bottom, so as to obtain first compounds of the so called deo-kerosene type and then white oils respectively.

CLASS 69D. I.C.-HO1h 51/00.

138022.

#### A. C. SWITCHING MAGNET HAVING A SHORT-CIRCUITING RING.

SIEMENS AKTIENGESellschaft, OF BERLIN AND MUNICH, WEST GERMANY.

Application No. 1194/Cal/73 filed May 22, 1973.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 3 Claims.

A.c. switching magnet having a short-circuiting ring disposed in grooves formed in a pole limb and the connecting webs, located externally of the grooves, of which are each secured once to the outer laminations or cover plates of the switching magnet, characterised in that the connecting webs (8) have asymmetrical shape relative to the securing points (rivet heads) (9), and in that the connecting line (12), extending in the longitudinal direction of the short-circuiting ring (7), of the securing points and the axis (13) extending through the centre of gravity, in the longitudinal direction of the short-circuiting ring (7), are located one behind the other in the acceleration direction of the a.c. switching magnet.

CLASS 39M. I.C.-C01b 25/18.

138023.

#### A CALCINING PROCESS FOR THE TREATMENT OF PARTICULATE MATERIAL IN A SUCCESSION OF FLUIDIZED BEDS; A FLUIDIZED BED REACTOR SYSTEM FOR THE SAME.

DORR-OLIVER INCORPORATED, OF 77, HAVEMEYER LANE, STAMFORD, CONNECTICUT, UNITED STATES OF AMERICA.

Application No. 2206/Cal/73 filed September 29, 1973.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 10 Claims.

A calcining process for the treatment of particulate material in a succession of fluidized beds comprising, fluidizing and treating the material at an elevated temperature in a preheat compartment, transferring the material to a calcining compartment for treatment at a higher temperature of at least about 650°C, conducting the hot off-gases from said calcining compartment to a cooling station at which water is injected into the gas stream to cool the gases to a temperature below that at which deleterious scaling occurs, passing the cooled gases through a cyclone to remove entrained solids and employing the cooled and cleaned gas as the fluidizing gas for said preheat compartment.

CLASS 89 & 102B. I.C.-G01e 17/00.

138024.

#### DEVICE FOR PROVIDING A READING OF THE PRESSURE OF A FLUID.

HENRY DEVAUD, C/O. MR. P. A. S. RAO, NESTLE'S PRODUCTS (IND.) LTD., M-5A, CONNAUGHT CIRCUS, NEW DELHI-1, INDIA.

Application No. 59/Cal/74 filed January 9, 1974.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 11 Claims.

A device for measuring receptive the pressure of a fluid, such as air, comprising a fluid pressure receptive means adapted to receive said fluid, under pressure and convert the said pressure into an electrical signal, a collector means connected to said receptive means and adapted to receive said electrical signal and an measuring instrument connected to said collector means for measuring said signal, said instrument connected to a power source.

CLASS 10B. I.C. C06C 5/04.

138025.

#### EXPLOSIVE FUSE-CORD.

IMPERIAL CHEMICAL INDUSTRIES LIMITED, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON, S.W.1., ENGLAND.

Application No. 152/Cal/74 filed January 22, 1974.

Convention date February 19, 1973 (7994/73) U.K.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

#### 13 Claims. No drawings.

An explosive fuse-cord comprising an inner explosive core and outer waterproofing sheath of a copolymer of ethyl lene and from 7 to 30% by weight of the copolymer of vinyl acetate or an alkyl acrylate or an alkyl methacrylate wherein the alkyl group contains 1 to 4 carbon atoms.

#### OPPOSITION PROCEEDINGS

##### (1)

An opposition has been entered by S. K. Foundry & Engineering Products Private Limited to the grant of a patent on application No. 136929, made by Fosco International Limited.

##### (2)

An opposition has been entered by Belpahar Refractories Limited to the grant of a patent on application No. 137216 made by Orissa Cement Limited.

#### PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

##### (1)

97786 102043 102422 102463 102484 102512 102586 102659  
102920 102938 103102 103154 103388 103451 103692 103846  
103847 103893 103896 103919 103928 103929 103946 103971  
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106447 106568 106866 106915 106926 107335 107351 107363  
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108236 108286 109752 111021.

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105162

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112706

(4)  
120152

## PATENTS SEALED

121321 123087 124020 125063 125252 127770 128143 129938  
133175 135178 135289 136589 136605 136606 136662 136666  
136672 136686 136728 136745 136775 136794 136802 136804  
136809 136831 136835 136846

## AMENDMENT PROCEEDINGS UNDER SECTION 57.

(1)

Notice is hereby given that, The British Drug Houses Limited, a British Company, of 16-34 Graham Street, City Road, London N. 1, England, have made an application under Section 57, of the Patents Act, 1970 for amendment of Specification of the application for patent No. 79194 for "Process for the preparation of 3-enol ethers of 6-formyl-3-Oxo- $\Delta^4$ -steroids". The amendments are by way of deletion of Claim 10 on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214-Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(2)

Notice is hereby given that Imperial Chemical Industries Limited, manufacturers, of Imperial Chemical House, Millbank, London, S.W.1, England, a British Company, have made an application under Section 57 of the Patents Act, 1970 for amendment of Specification of their application for Patent No. 125531 for "Catalyst precursor, catalyst method of making the same and process of methanol synthesis employing such catalyst". The amendments are by way of deletion of Claims 17, 18 and 26 from the Specification on file. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, on any working day during usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

(3)

Notice is hereby given that Kyodo Shiryo Co., Ltd., of Chikawa-cho, 3-Chome Kanagawa-Ku, Yokohama-Shi, Kanagawa-Ken, Japan, a Japanese company, have made an application under Section 57 of the Patents Act, 1970, for amendment of application & specification of their application for Patent No. 127383 for "Artificial feed for silkworm and process for the preparation thereof". The amendments are by way of deletion of Claim 6 from the specification and revision of the title of invention in the application and specification. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on

payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

## REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS).

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

106773

M/s. Cone-Blanchard Machine Company.

118290

## APPLICATION FOR COMPULSORY LICENCE UNDER SECTION 84 OF THE ACT.

The opposition to the grant of the compulsory licence under Patent No. 87009 on the application made by Sugan Engineering (P) Ltd. on the 7th January, 1974 and notified in the Gazette of India, dated the 23rd February, 1974, entered by James Mackie Holdings Limited of Albert Foundry, Belfast 12, Northern Ireland on the 23rd April, 1974 has been dismissed by the decision of the Joint Controller of Patents and Designs dated the 10th October, 1975.

The second opposition to the grant of a compulsory licence under Patent No. 87009 on the application made by Sugan Engineering (P) Ltd. entered by Star Textile Engineering Works Limited of Planet Mill Street, Fergusson Road, Lower Parel, Bombay on the 5th September, 1974 has been dismissed by the decision of the Joint Controller of Patents and Designs dated the 10th October, 1975.

A licence under the Patent No. 87009 has been granted by the order of the Joint Controller of Patents and Designs dated the 10th October, 1975, on the application made by Sugan Engineering (P) Ltd. under Section 84 of the Patents Act, 1970 on the 7th January, 1974.

## RENEWAL FEES PAID

74034 74242 79084 79134 79157 79219 79269 79275 79333  
79531 79533 79755 79800 80046 81446 84497 85020 85191  
85323 87391 88416 90262 90314 90537 90595 90642 90662  
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123834 123835 123859 123889 123915 123916 123918 123919  
123926 123933 123950 123985 123972 124009 124027 124037  
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124297 124326 124523 124540 124584 124589 126222 127437  
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 132617 132629 133225 133242 133248 133442 133447 133531  
 133542 133555 133561 133576 133598 133623 133656 133655  
 133660 133693 133731 133734 133739 133798 133813 134981  
 135103 135484 135495 135605 135834 135838 136130 136311  
 136416 136448 136462 136549.

#### REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

Class 1. Nos. 143043 Fortune. 69/A, Mount Joy Road, Hanumanthanagar, Bangalore-560019, Karnataka State, an Indian Partnership Concern "Heater". May 19, 1975.

Class 1. No. 143049 & 143051. Girling Limited, a British Company, of Kings Road, Tyseley, Birmingham 11, England. "Spanner". November 20, 1974. (U.K.).

Class 1. No. 143102. Mittal Aluminium Industries, Faridabad, Haryana (India), an Indian Partnership Firm. Indian Nationals. "Cork." June 13, 1975.

Class 1. No. 143214. Chawlasons (Regd), 2396 Tilak Street, Chuna Mandi, Paharganj, New Delhi, an Indian Partnership Concern. "An ash tray". July 14, 1975.

Class 1. No. 143217. Dodla Prabhakara Reddy and (2) Dodla Sudhakar Reddy of Ms. Associated Marketing Agencies, Bharath Buildings, 2/18, Anna Road, Madras-600002, Tamil Nadu, India, Indian Nationals. "A suction pump." July 14, 1975.

Class 3. No. 142767. Umesh Datta, of 94, Bhagat Singh Market, New Delhi-110001, India, an Indian National. "Container," March 4, 1975.

Class 3. No. 142892. Mipak Plastics Private Ltd., an Indian Company 20, Anand Niwas, A Road, Churchgate, Bombay 400020, Maharashtra. "Containers". April 14, 1975.

Class 3. Nos. 143072 & 143073. Kwaliti Rubber Products, 16-18, Noble Chambers, 2nd Floor, Parsi Bazar Street, Fort, Bombay-400001, Maharashtra State, A sole proprietary concern, an Indian National. "Soap holders." May 29, 1975.

Class 3. Nos. 143087, 143088 & 143089. Camlin Pvt. Ltd., A company incorporated under the Indian Companies Act, 1956; of J.B. Nagar, Kurla Andheri Road, Bombay-400059, Maharashtra, India. "Bottle". June 5, 1975.

Class 3. No. 143192. Arora Plastics Private Limited (a private limited company incorporated under the Indian Companies Act), 20, 1st floor, Prabadevi Industrial Estate, Veer Savarkar Marg, Bombay-40025, Maharashtra State, India. "Photo frame". July 3, 1975.

Class 3. No. 143218. Dodla Prabhakara Reddy and (2) Dodla Sudhakar Reddy, of Ms. Associated Marketing Agencies, Bharath Buildings, 2/18, Anna Road, Madras-600002, Tamil Nadu, India, Indian Nationals. "A suction pump". July 14, 1975.

Class 4. No. 142929. Akil Ahmed and Sm. Tejinder Kaur trading as Messrs. Brighto Auto Industries, AA/7, Gali No. 4, Anand Parbat, New Rohtak Road, New Delhi-110005, Indian Nationals. "The auto mirrors". April 19, 1975.

S. VEDARAMAN,

Controller-General of Patents,  
 Designs and Trade Marks.